ATTORNEY'S DKT NO. APPLICATION NO. Substitute for form 1449A/PTO 033349-001 09/892,459 APPLICANT INFORMATION DISCLOSURE Masayuki ARIYOSHI et al. ATEMENT BY APPLICANT FILING DATE GROUP 2601 June 28, 2001

U.S. Patent Document Examiner Kind Code Name of Patentee or Applicant Date of Publication Initials Number (if known) of Cited Document (MM-DD-YYYY) 5,898,740 April 27, 1999 Laakso et al. FOREIGN PATIENT DOCUMENTS Foreign Patent Document Examiner Kind Code Date of Publication Translation (MM-DD-YYYY) Initials Number (if known) Country Yes EP0863618A2 September 9, 1998 Europe NON PATENT LITTERATURE DOCUMENTS Include name of author (in CAPITAL LETTERS), title of the article (when appropriate), title of the Examiner item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), Initials publisher, city and/or country where published. ALEXANDRA DUEL-HALLEN et al., "Multiuser Detection for CDMA Systems", IEEE Personal Communications April 1995, pp. 46-58 SHIMON MOSHAVI, Bellcore, "Multi-User Detection for DS-CDMA Communications", IEEE Communications Magazine October 1996; pp. 124-136. ETSI TS 125 214 V3.2.0 (2000-03), "Universal Mobile Telecommunications System (UMTS); Physical layer procedures (FDD) (3G TS 25.214 version 3.2.0 Release 1999)*. Date Examiner Signature Considered